

Datasheet for ABIN6963769

anti-Interferon gamma antibody (Biotin)

3 Publications



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Interferon gamma (IFNG)
Reactivity:	Horse, Rhinoceros
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Interferon gamma antibody is conjugated to Biotin
Application:	ELISA, ELISpot

Product Details

Immunogen:	Recombinant bovine IFN-gamma
Clone:	MT13
Isotype:	IgG1
Specificity:	Native and recombinant IFN-γ
Cross-Reactivity (Details):	The monoclonal antibody cross-reacts with IFN-γ from cow, dog, and rhinoceros.
Characteristics:	This monoclonal antibody enables specific detection of equine IFN-γ in immunoassays such as ELISpot and ELISA. Serum/Plasma samples
Purification:	Biotinylated through reaction with a N-hydroxysuccinimide ester of biotin.,Purified from in vitro cultures by protein G affinity chromatography.
Sterility:	0.2 μm filtered

Target Details

Target:	Interferon gamma (IFNG)
Alternative Name:	IFNG (IFNG Products)
Gene ID:	100034181
Pathways:	Interferon-gamma Pathway , Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , ER-Nucleus Signaling , Regulation of Carbohydrate Metabolic Process , Protein targeting to Nucleus , Autophagy

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	ABIN6963761, ABIN7448232, ABIN6963769 and ABIN7448240 is recommended as detection mAb in ELISpot and ELISA in combination with capture mAb ABIN6963762, ABIN7448233, ABIN6963768, ABIN7448239, ABIN6963770 and ABIN6963771 .
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	supplied at 0.5 mg/mL in PBS with 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/ thawing.
Expiry Date:	18 months

Publications

Product cited in:	Cywes-Bentley, Rocha, Bordin, Vinacur, Rehman, Zaidi, Meyer, Anthony, Lambert, Vlock, Giguère, Cohen, Pier: "Antibody to Poly-N-acetyl glucosamine provides protection against intracellular pathogens: Mechanism of action and validation in horse foals challenged with Rhodococcus
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equi." in: **PLoS pathogens**, Vol. 14, Issue 7, pp. e1007160, (2019) ([PubMed](#)).

Hellman, Hjertner, Morein, Fossum: "The adjuvant G3 promotes a Th1 polarizing innate immune response in equine PBMC." in: **Veterinary research**, Vol. 49, Issue 1, pp. 108, (2018) ([PubMed](#)).

Rocha, Cohen, Bordin, Brake, Giguère, Coleman, Alaniz, Lawhon, Mwangi, Pillai: "Oral Administration of Electron-Beam Inactivated Rhodococcus equi Failed to Protect Foals against Intrabronchial Infection with Live, Virulent R. equi." in: **PLoS ONE**, Vol. 11, Issue 2, pp. e0148111, (2016) ([PubMed](#)).